

	Type	Hits
1	BRS	1037
2	IS&R	1376
3	BRS	1
4	BRS	2600
5	BRS	3
6	BRS	4
7	BRS	2
8	BRS	24
9	BRS	68
10	BRS	0
11	BRS	0
12	BRS	2600
13	BRS	0
14	BRS	1037
15	IS&R	1376

	Search Text
1	(ca calcium) near4 implant\$6
2	(438/687).CCLS.
3	S1 and S2
4	(ca calcium) with implant\$6
5	S2 and S4
6	(cu copper) with damascene and S4
7	S6 not S5
8	(copper cu) and S4 and ("438"/\$6 "257"/\$6) not (S3 S5 S7)
9	(ca calcium) with implant\$6 same (diffus\$4)
10	S9 and ("438.\$6", "257.\$6")
11	S9 and ("438/\$6" "257/\$6")
12	(ca calcium) with implant\$6
13	S12 and ("438/\$6" "257/\$6")
14	(ca calcium) near4 implant\$6
15	(438/687).CCLS.

	DBs
1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Type	Hits
16	BRS	1
17	BRS	3
18	BRS	4
19	BRS	2
20	BRS	24
21	BRS	0
22	IS&R	12759
23	IS&R	0
24	BRS	8
25	IS&R	25
26	BRS	2600
27	IS&R	1376
28	BRS	3
29	BRS	2600

	Search Text
16	S16 and S17
17	S17 and S12
18	(cu copper) with damascene and S12
19	S20 not S19
20	(copper cu) and S12 and ("438"/\$6 "257"/\$6) not (S18 S19 S21)
21	(copper cu) and S12 and ("438"/\$6 "257"/\$6) not (S18 S19 S21 S22)
22	(438/618,622,623,624,626,627,628,629,631,633,635,637,639,642,643,644,645,652,653,654,658,659,672,675,677,687).CCLS.
23	("01and13").PN.
24	S12 and S24
25	((("3632438") or ("3710205") or ("4352716") or ("6057223") or ("6077775") or ("6083818") or ("6117770") or ("6211066") or ("6226173") or ("6261963") or ("6355555") or ("6441492") or ("6566247"))).PN.
26	(ca calcium) with implant\$6
27	(438/687).CCLS.
28	S29 and S28
29	(ca calcium) with implant\$6

	DBs
16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
28	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Type	Hits
30	BRS	29
31	BRS	68
32	BRS	2600
33	BRS	4
34	BRS	47
35	BRS	0
36	BRS	143
37	BRS	4
38	BRS	10
39	BRS	0
40	BRS	0
41	BRS	25
42	BRS	31

	Search Text
30	(copper cu) and S31 and ("438"/\$6 "257"/\$6)
31	(ca calcium) with implant\$6 same (diffus\$4)
32	(ca calcium) with implant\$6
33	(cu copper) with damascene and S34
34	("20010035237" "20020036309" "20020039542" "20020053741" "20020084529" "20020102838" "20020109233" "20020115292" "20020137332" "5004520" "5243222" "5300462" "5552341" "5654245" "5770517" "5821168" "5882738" "5899740" "5969422" "6015749" "6030895" "6069068" "6090710" "6096648" "6117770" "6156638" "6180522" "6225221" "6242808" "6268291" "6294463" "6294836" "6297146" "6344413" "6365502" "6399496" "6410383" "6420262" "6423633" "6426289" "6461675" "6465867" "6482734" "6482740" "6500749" "6521532" "6534865").PN. OR ("6703308").URPN.
35	S34 and S36
36	(ca calcium) with implant\$6 and ("438"/\$6 "257"/\$6)
37	S38 and damascene
38	("5712510" "5891513" "6057232" "6121149" "6211071" "6242349" "6261963" "6268291" "6326287" "6399478").PN. OR ("6633085").URPN.
39	S40 and (angl\$3 tilt\$3 obliqu\$3) with implant\$5
40	S40 and (angl\$3 tilt\$3 obliqu\$3) with implant\$5
41	S38 and (angl\$3 tilt\$3 obliqu\$3) with implant\$5
42	arc with low-k

	DBs
30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
31	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
33	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
34	US-PGPUB; USPAT; USOCR
35	US-PGPUB; USPAT; USOCR
36	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
37	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
38	US-PGPUB; USPAT; USOCR
39	US-PGPUB; USPAT; USOCR
40	US-PGPUB; USPAT; USOCR
41	US-PGPUB; USPAT; USOCR
42	US-PGPUB; USPAT; USOCR

	Type	Hits
43	BRS	7
44	IS&R	4
45	BRS	1243

	Search Text
43	(ca calcium) with implant\$6 and low adj k
44	((("3632438") or ("20020076925"))).PN.
45	1 and @rlad<="20040101"

	DBs
43	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
44	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
45	US-PGPUB; USPAT; EPO; JPO; DERWENT

Interference Search

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	4230	257/758,762.ccls.	US- PGPUB; USPAT; EPO; JPO; DERWEN T
2	BRS	L3	666	438/639,643,653,659,677.ccls. s. or 257/762.ccls.	US- PGPUB
3	BRS	L4	9	3 and implant and (Ca or calcium)	US- PGPUB